

IN THE CLAIMS:

Please cancel Claims 1 and 2.

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5 3. (Amended) The method as recited in Claim [1] 21, wherein at least one
of said electronic units is a global positioning system (GPS) unit.

5. (Amended) The method as recited in Claim [1] 21, wherein [said]
encrypting [step] includes cyclic redundancy coding (CRS). CRC

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10 6. (Amended) The method as recited in Claim 5, wherein said [unique]
single software key is initially used as a seed for encrypting said software.

7. (Amended) The method as recited in Claim [1] 21, wherein said
communication link is a wired link.

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9. (Amended) The method as recited in Claim [1] 21, wherein said
encrypted software code includes a footer tag that includes the [unique] single software key.

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20 10. (Amended) The method as recited in Claim 9, wherein said upload
program decrypts said encrypted software code.

11. (Amended) The method as recited in Claim 10, wherein said upload [file]
program reads the [unique] single software key from the footer tag and compares the software key in
the footer tag with the software key [in] applied to the receiving electronic unit.

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13. (Amended) A system for preventing unauthorized use of software
transmitted over a communication link, the system comprising:

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[an] one or more receiving electronic unit [with] each having a unique
software key;

30 means for encrypting software as a function of [said] the unique software key
of one of the receiving electronic units [defining encrypted software];

means for transmitting said encrypted software over a communication link;

and

means for uploading said encrypted software into [an] the electronic unit with
a [matching] unique software key that matches the unique software key used by the encrypting means.

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21. (New) A method for allowing secure transmission of software code
transmitted over a communication link from a transmitting electronic unit to one or more receiving
electronic units, the method comprising:

10 applying a unique software key to each of the one or more receiving electronic units;
encrypting software code as a function of a single software key;
transmitting the encrypted software code from said transmitting electronic unit over
said communication link to said one or more receiving electronic units; and
15 decrypting said transmitted, encrypted software code at said one or more receiving
electronic units according to said single software key used to encrypt the software code and the
unique software keys applied to the one or more receiving electronic units.

22. (New) The method as recited in Claim 21, wherein transmitting the
encrypted software code further comprises transmitting an upload program with the encrypted
software code and wherein decrypting said transmitted, encrypted software code further comprises
20 decrypting said transmitted, encrypted software code according to said transmitted upload program.

REMARKS

25 Claims 1-20 are pending in the application. The Office Action mailed April 6, 1999
rejected Claims 1, 2, 6, 7, 9-11, 13, 15 and 17-19 under 35 U.S.C. § 102 and Claims 3-5, 8, 12, 14 and 20
under 35 U.S.C. § 103. By-way of this amendment Claims 3, 5-7, 9-11 and 13 have been amended,
Claims 1 and 2 have been cancelled, Claims 21 and 22 have been added. Pursuant to 37 C.F.R. § 1.111,
for the reasons herewith set forth, applicant respectfully requests reconsideration and allowance of this
30 application.